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U. S. Department of Commerce • Charles Sawyer, Secretary
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# JOURNAL OF RESEARCH

## of the

## NATIONAL BUREAU OF STANDARDS

Volume 46—January to June 1951

Research Papers 2167 to 2219

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## *Corrections to be noted in volume 46 of the Journal of Research of the National Bureau of Standards*

| Page | Column | Line | Now reads in part | Should read |
|---|---|---|---|---|
| 10 | 1 | Insert $T_1$ . . . | Audio driver transformer 1.25 to 1 over-all ratio; $T_2$ . . . | Power transformer 700 v to center-tap at 70 ma, 6.3 v at 2 amp. |
| 22 | | | Figure is upside down | |
| 103 | 1 | 6 from bottom | $0.605\sigma$ | $0.675\sigma$ |
| 106 | | Title | Insomer ization | Isomerization |
| 111 | | Table 5, col 7 | 2-Methylpropane | 2-Methylpropene |
| 111 | | 4 of table 5 | *cis*-Butene | *cis*-2-Butene |
| 111 | | 6 of table 5 | 2-Methylpropane | 2-Methylpropene |
| 125 | 2 | eq 12 | $\sum_{k \neq i}$ | $\sum_{k \neq 1}$ |
| 178 | 2 | eq 3 | *w*- | *W* - |
| 205 | 1 | 19 | 205.073 | $205.073 \pm 0.010$ |
| 205 | 2 | last | for | or |
| 206 | 2 | 24 | (Dec. 31, 1947) | (In press.) |
| 212 | 1 | Table 4 title | $(P-20000)$<br>$(P-20000)$<br>$(P-20000)$ | $(P-2000)$<br>$(P-2000)$<br>$(P-2000)$ |
| 293 | 1 | col. 2 of second table | *416 stainless steel | 420 stainless steel |
| 319 | 1 | 5 from bottom | $0.025\text{-}\mu$ | $25\text{-}\mu$ |
| 321 | 1 | 8 | two molecules | six molecules |
| 321 | 1 | 9 | 1.2017 | 3.605 |
| 338 | 1 | eq 15 | $e^{-\frac{7136.5}{\theta}}$ | $e^{\frac{-7136.5}{\theta}}$ |
| 361 | 1 | 2 | | |
| 451 | 1 | 11 | 1.80 | 1.30 |
| 464 | 1 | 10 | $a_{01}, a_{11}, a_{21} \ldots,$ | $a_{01}, a_{11}, a_{22} \ldots,$ |
| 464 | 1 | 12 | $u(P)-u(P)$ | $\overline{u}(P)-u(P)$ |
| | | | $\phi-\phi(P)$ | $\overline{\Phi}-\varphi(P)$ |
| 468 | 1 | 13 | $\left]_0^\infty + \int_0^\infty\right.$ | $\left]_0^\infty + \int_0^\infty\right.$ |

*Furnished as 416; by analysis, C=0.33%, Cr=14.0%, indicating it is 420 stainless steel.

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